Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 16 Jun 2021 until 23:59 on Thursday 17 Jun 2021

Forecast Issued on Wednesday 16 Jun 2021 at 04:01

Confidence: High confidence for the transition to more unsettled conditions. Low for the timing and extent of precipitation.

Headline for Wednesday 16 Jun 2021: Dry and fine with variable amounts of cloud and strong sunshine. Thundery showers later in the evening.

Mountain weather hazards on Wednesday 16 Jun 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny	Sunny	Sunny	Sunny intervals	Cloudy	Cloudy
Precipitation probability					
<05%	<05%	<05%	<05%	<05%	20%

Forecast for Wednesday 16 Jun 2021

Weather: A dry, fine and very warm day, with some fair weather cloud bubbling up during the late morning and cloud thickening slightly for the afternoon. This may just touch the hilltops briefly, mainly in northwestern parts of the Park. Plenty of strong sunshine with long sunny spells, especially during the morning. Cloud thickening during the evening, with the chance of a heavy thundery shower by midnight.

Chance of cloud free mountain/hill tops above 600m: 90%

Visibility: Generally very good with clear views of distant hills. Very poor briefly on summits in hill fog with nearby landmarks obscured.

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Forecast for Wednesday 16 Jun 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/23 SW	17/22 SW	14/20 SW	13/18 SW	11/16 W	10/14 W	7/9 N
300	11/17 SW	13/17 SW	12/17 SW	9/15 W	10/16 W	7/10 NW	5/7 N
Valley	4/14 SW	8/15 SW	8/16 SW	7/13 W	9/16 NW	5/10 NW	3/7 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/10	14/11	17/14	18/16	16/14	12/10	11/10
300	15/13	17/14	19/17	20/19	18/16	14/13	13/13
Valley	14/14	18/16	21/19	22/21	18/17	15/14	14/14
Freezing Level*	2900m	3000m	3100m	3100m	3100m	3000m	3100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A very warm day with strong sunshine, so UV protection and extra water is advisable.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 16 Jun 2021	N/A	N/A	N/A

Forecast for Thursday 17 Jun 2021

Weather: Cloud soon thickening, with a plume of heavy thundery rain, perhaps with hail and gusty winds, pushing up from the south during the early hours. This plume is likely to clear the area during the afternoon, with sunny spells developing later.

Maximum wind: Northerly or northwesterly 10-15mph, gusting 20-25mph, but perhaps gusting up to 40mph near heavy showers.

Chance of cloud free mountain/hill tops above 600m: 80% becoming 30% during the early hours, then becoming 90% during the afternoon.

Visibility: Moderate or poor in heavy rain, or very poor in low cloud covering the hills with nearby landmarks obscured. Cloud bases down to 400m. Becoming good during the afternoon with clear views of distant hills.

Temperature: **Valleys:** Plus 10C becoming plus 17C
At 600m: Plus 14C becoming plus 10C
Freezing level: Above the summits

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